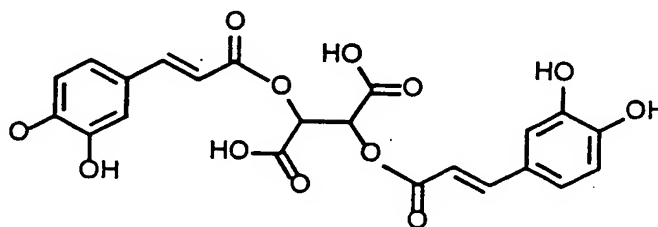


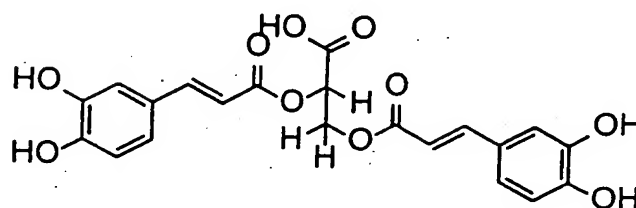


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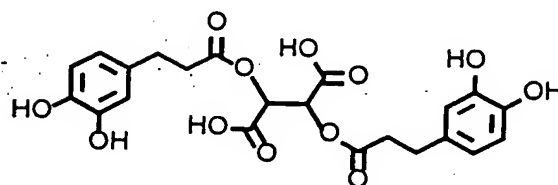
Compounds 1, 2, 3
L-, D-, m- chicoric Acid

Fig. 1a



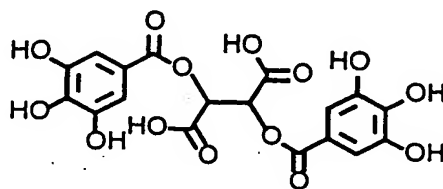
Compound 19
1,2-Dicaffeoyl-L-glyceric Acid

Fig. 1b



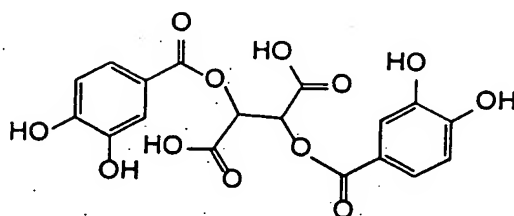
Compound 22
Bis-(3,4-dihydroxydihydrocinnamoyl)-L-tartaric acid

Fig. 1c



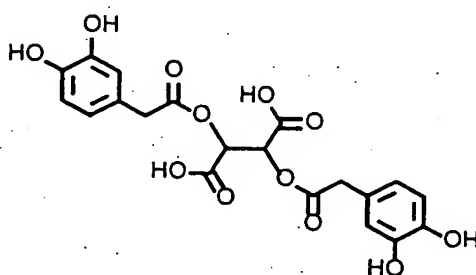
Compound 25
Digalloyl-L-tartaric acid

Fig. 2a



Compound 26
Bis (3,4-dihydroxybenzoyl) L-tartaric acid

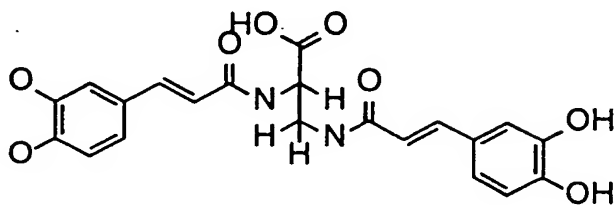
Fig. 2b



Compound 28
Bis-(3,4-dihydroxyphenylacetyl)-L-tartaric acid

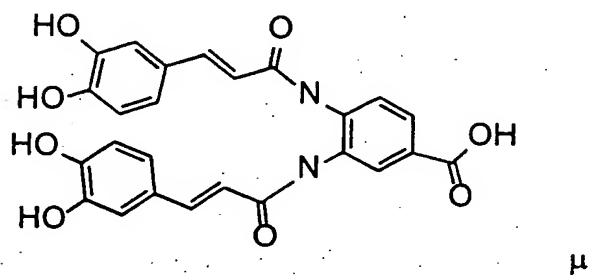
Fig. 2c

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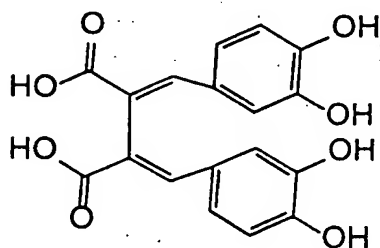
Compound 35
2,3-Dicaffeoyldiamidopropionic acid

Fig. 3a



Compound 36
bis-3,4-dicaffeoyldiamidobenzoic Acid

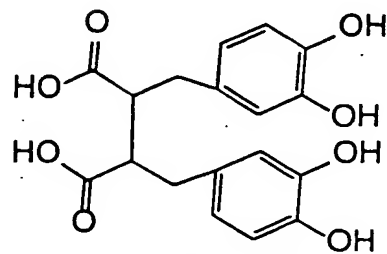
Fig. 3b



Compound 37
Di-3,4-dihydroxybenzylidene succinic acid

Fig. 3c

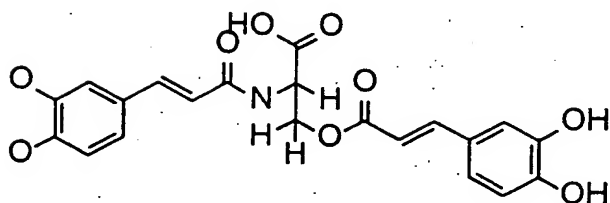
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Compound 38

Di-3,4-dihydrodihydroxybenzylidene succinic acid

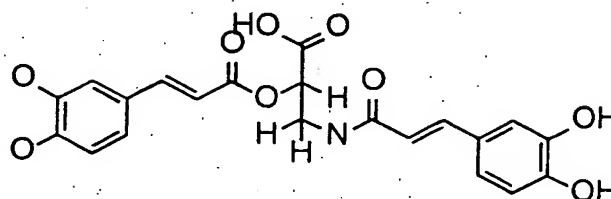
Fig. 4a



Compound 39

2,3-Dicaffeoyl-L-serine

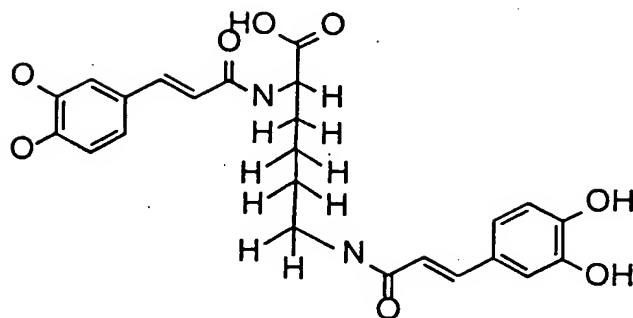
Fig. 4b



Compound 40

bis-Dicaffeoyl-L-isoserine

Fig. 4c



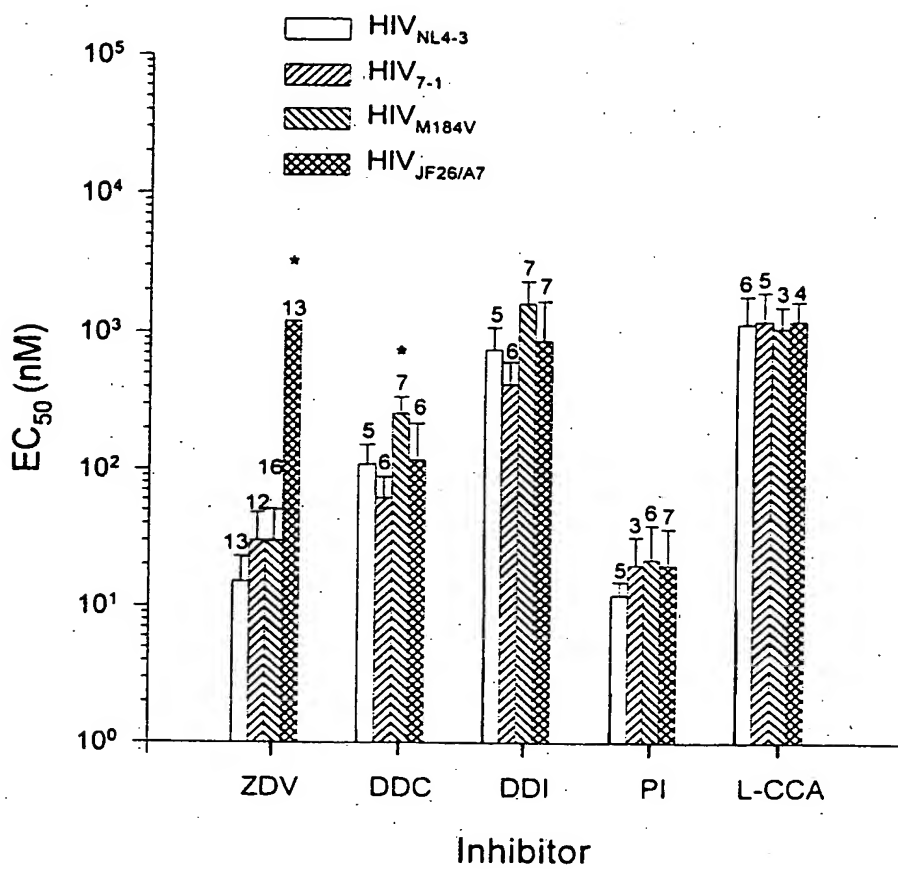
Compound 41

1,4-Dicaffeoyl-L-Lysine

Fig. 4d

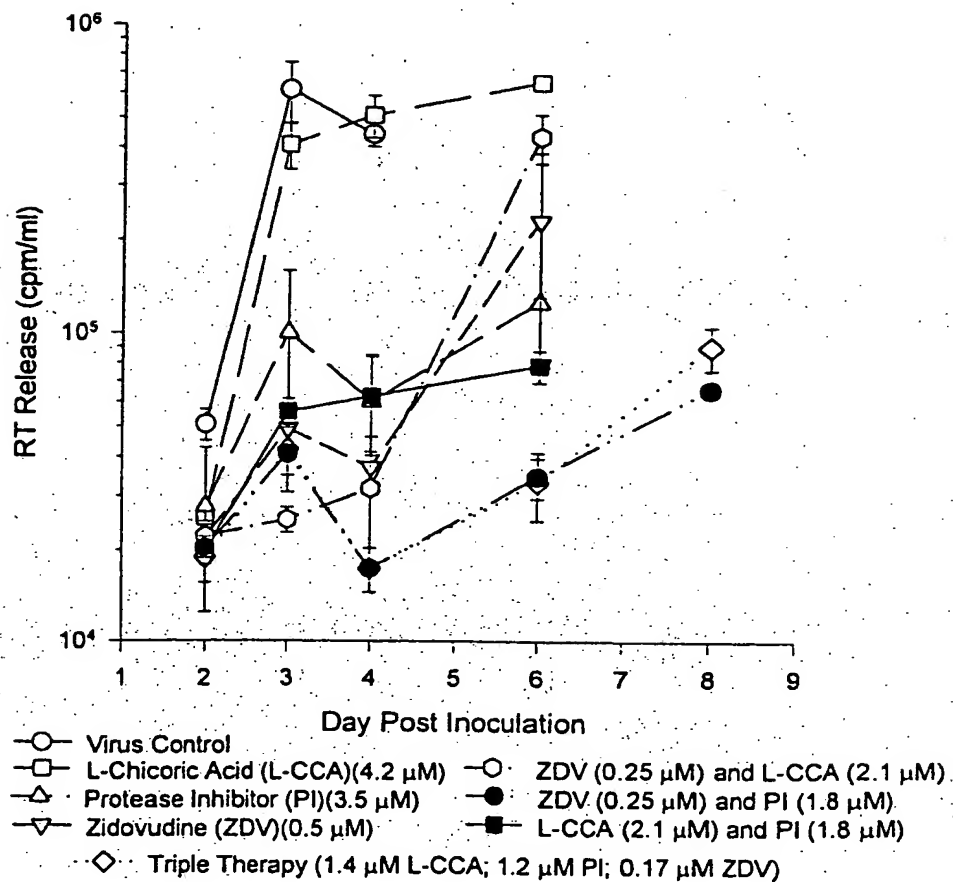
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Fig. 5



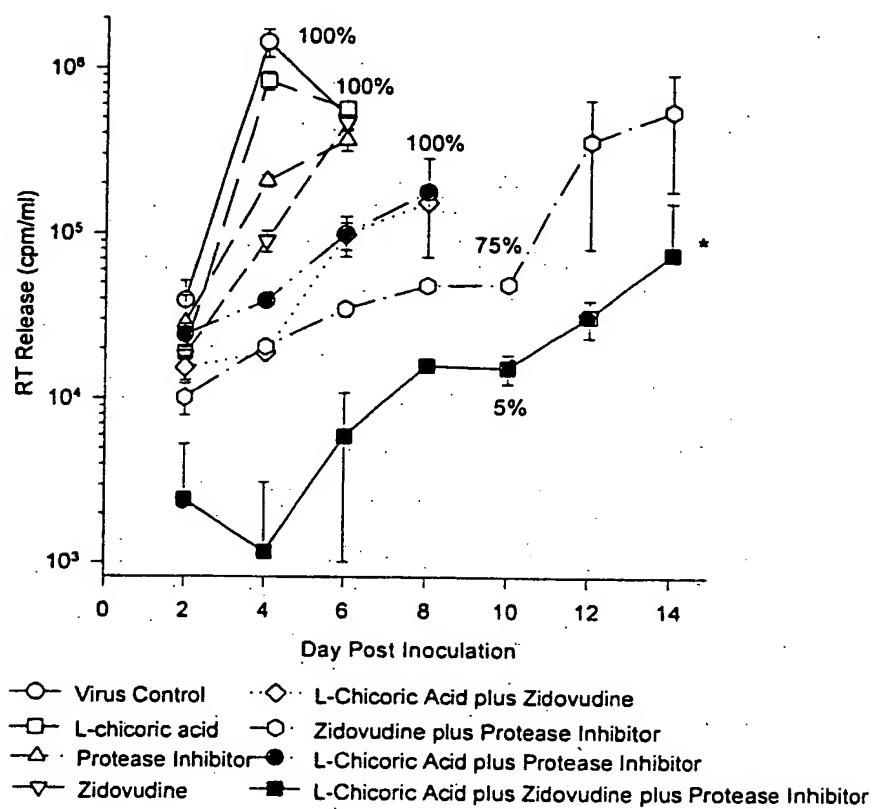
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Fig. 6



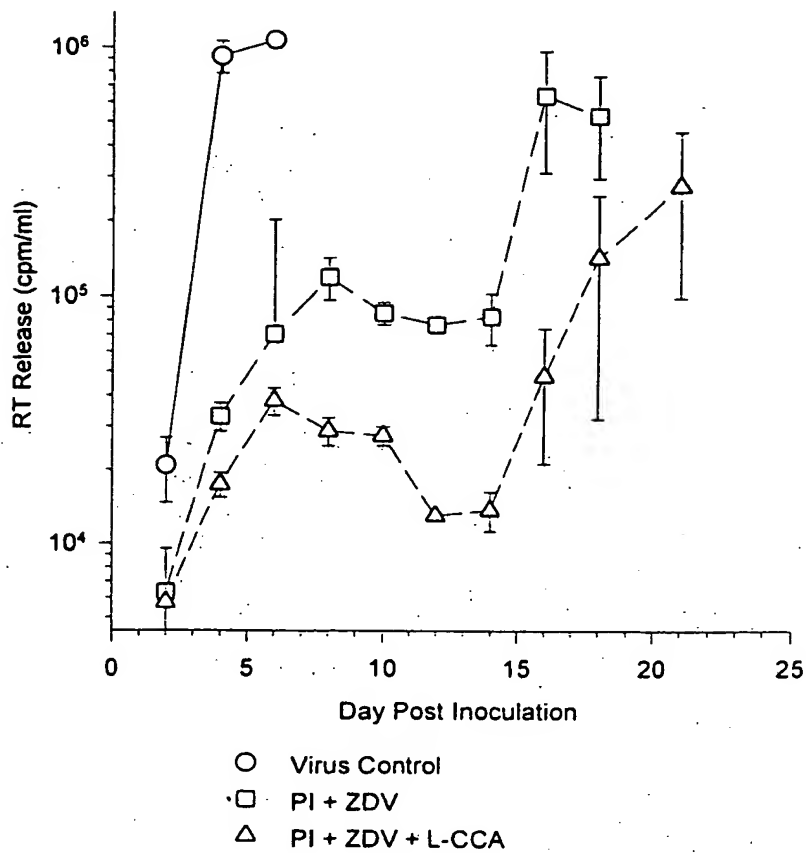
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Fig. 7



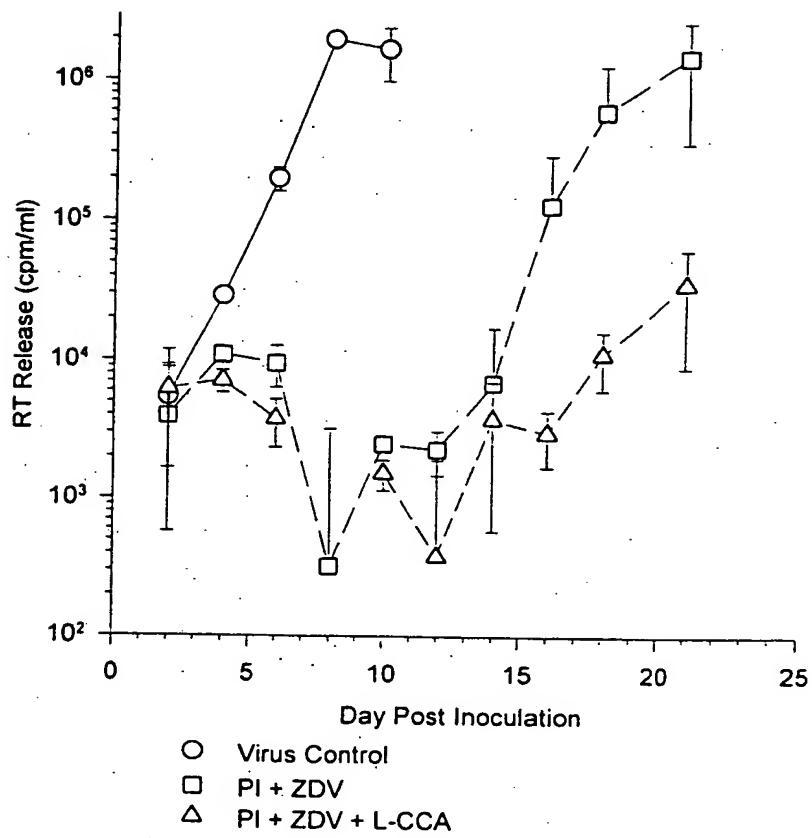
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Fig. 8



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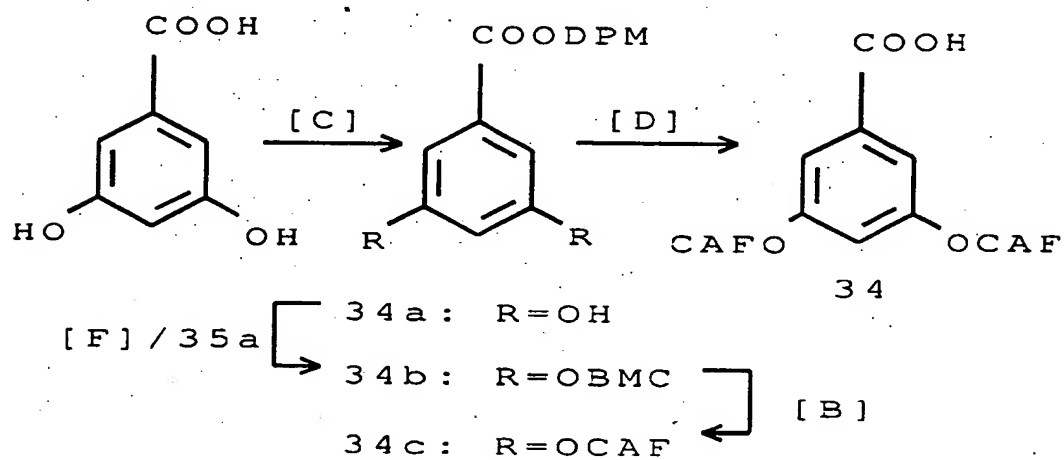
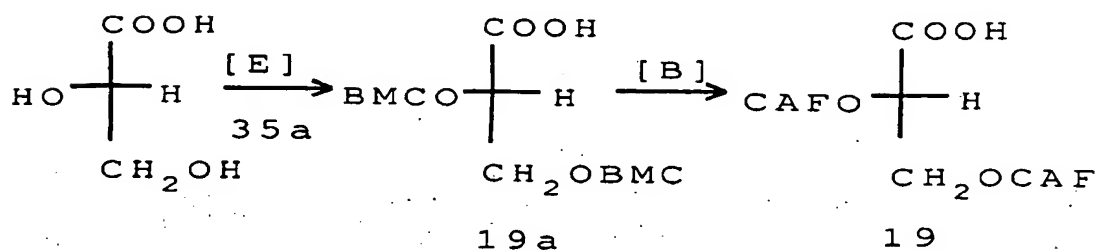
Fig. 9



Scheme 1

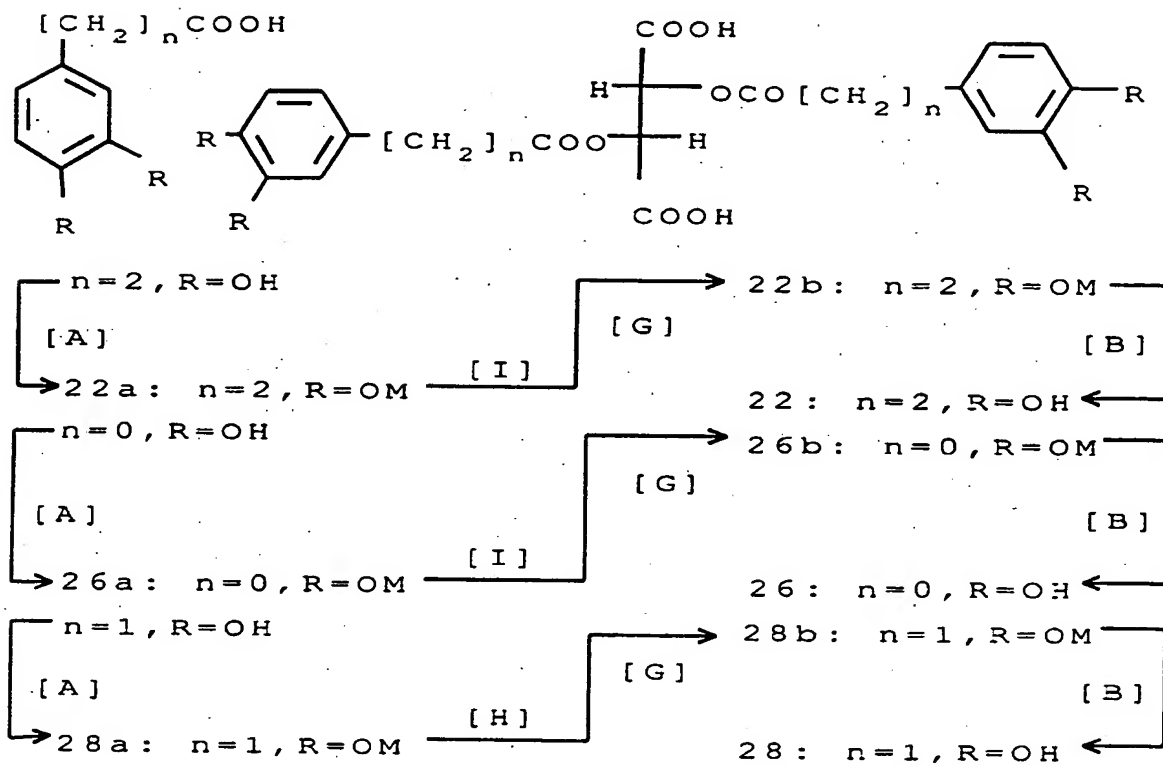
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Fig. 11



Scheme 2

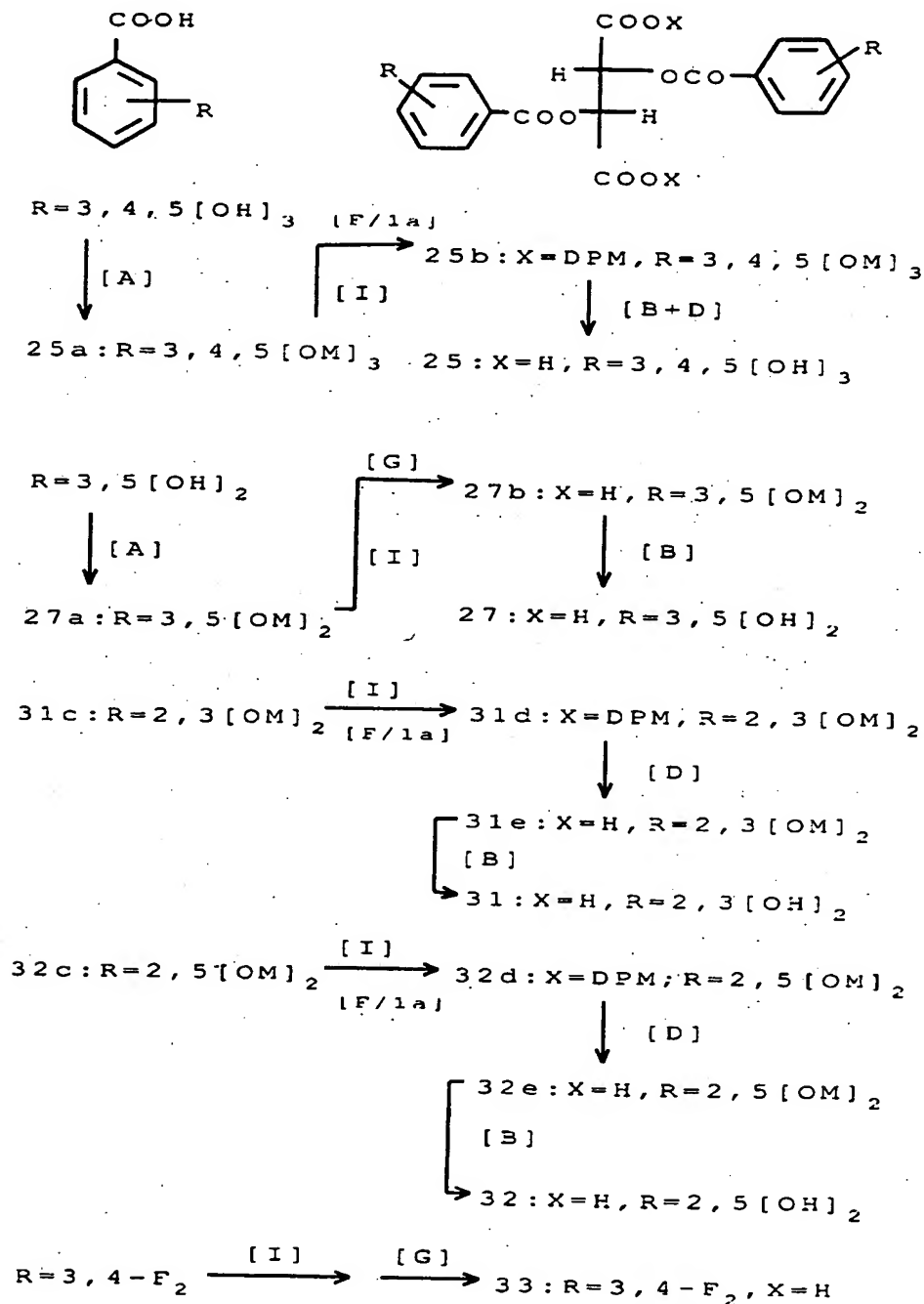
Fig. 12



Scheme 3

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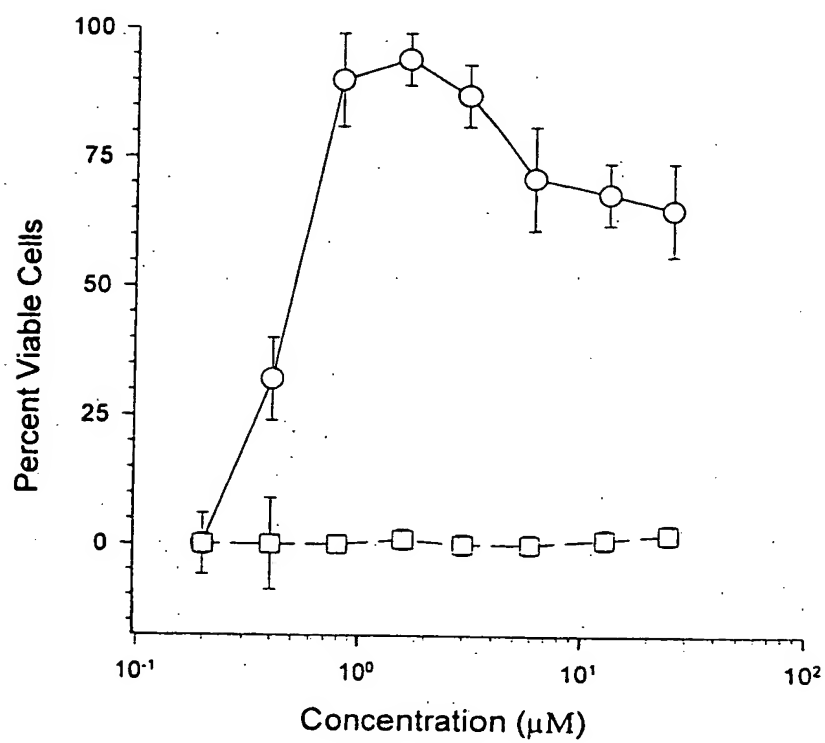
Fig. 13



Scheme 4

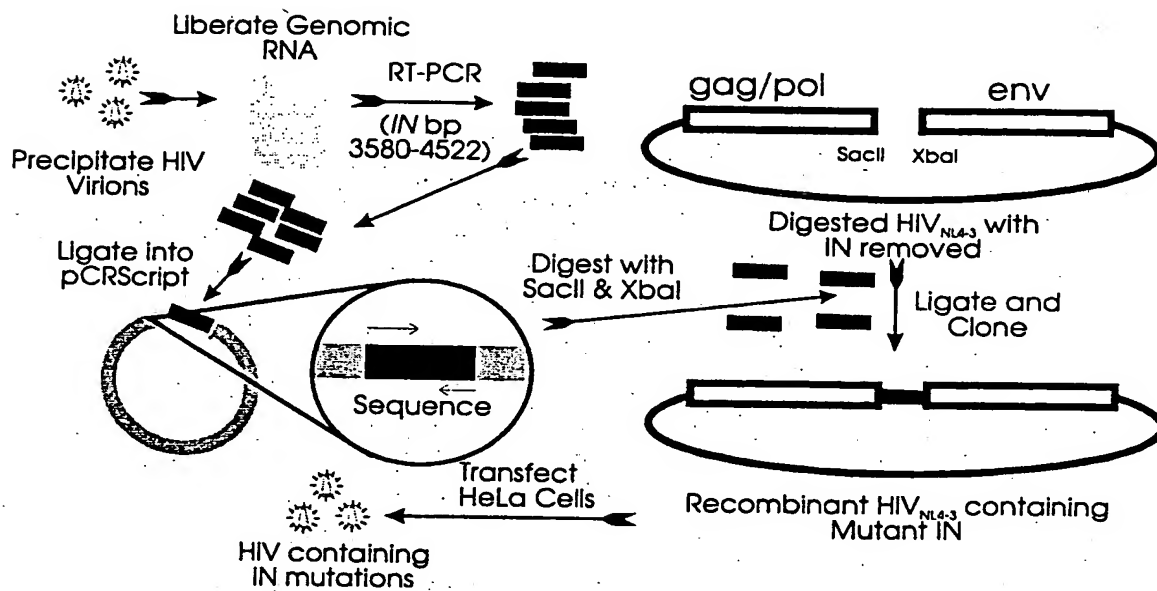
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Fig. 14



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Fig. 15



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Fig. 16a

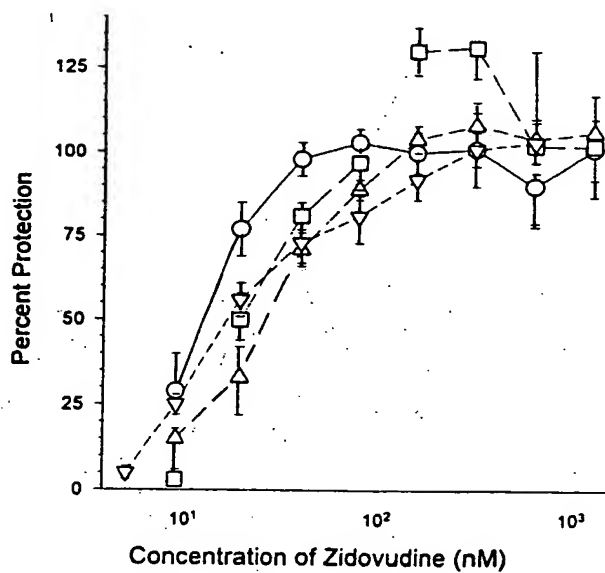


Fig. 16b

